



**PATENT APPLICATION**

Serial No. 09/744,424

Attorney Docket No. 1217-010064

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 2827

In re Application of

**Toshiyuki NAKAMURA et al.**

Serial No. 09/744,424

Filed January 24, 2001

Examiner Kamand Cuneo

**SHEET FOR FORMING A  
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Pittsburgh, Pennsylvania  
October 7, 2002

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**LETTER TO OFFICIAL DRAFTSPERSON**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached hereto is one (1) set of formal drawings. Please substitute the enclosed drawings for the drawings currently filed in the above-identified application. Copies of the drawings with all changes highlighted in yellow are submitted herewith as required by MPEP § 608.02(v). The changes were made primarily to use proper cross hatching to indicate plastic materials and holes.

Respectfully submitted,

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ORKIN & HANSON, P.C.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on October 7, 2002.

Jennifer S. Austen  
(Typed Name of Person Mailing Paper)

*Jennifer S. Austen*  
Signature

10/07/2002  
Date



1/13

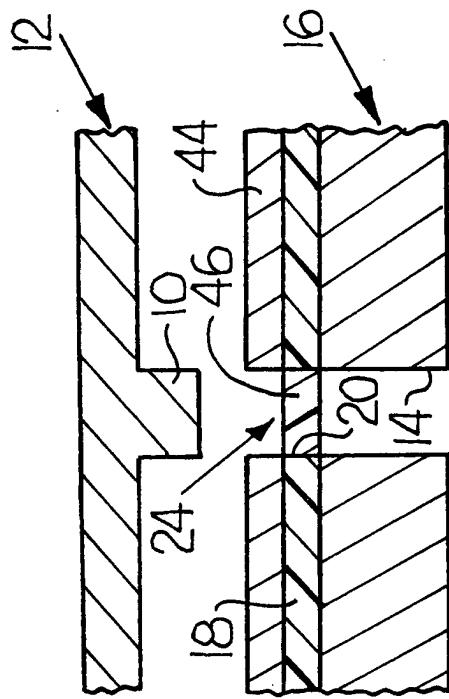


Fig. 1a

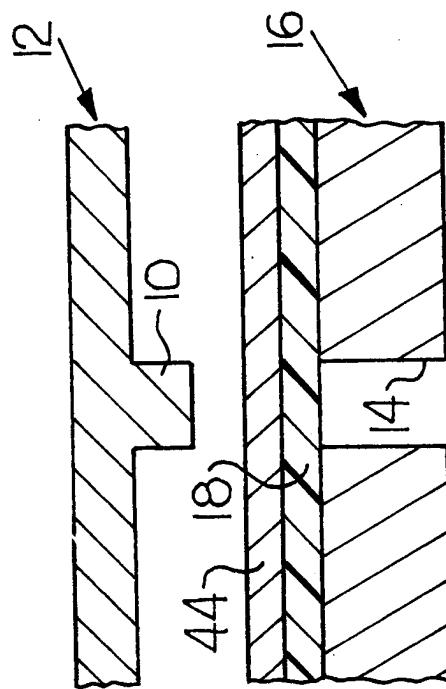


Fig. 1b

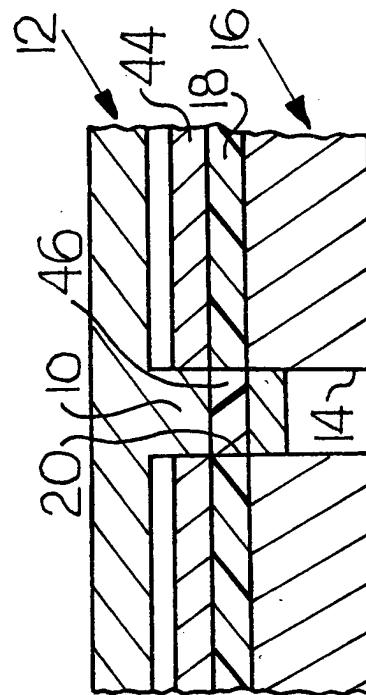


Fig. 1c



Fig. 1d

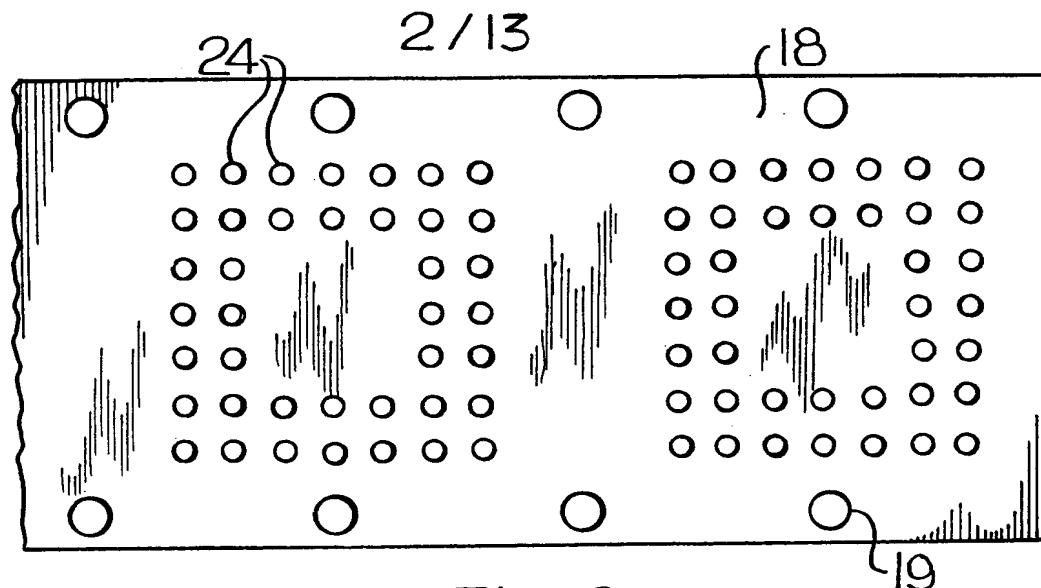


Fig. 2

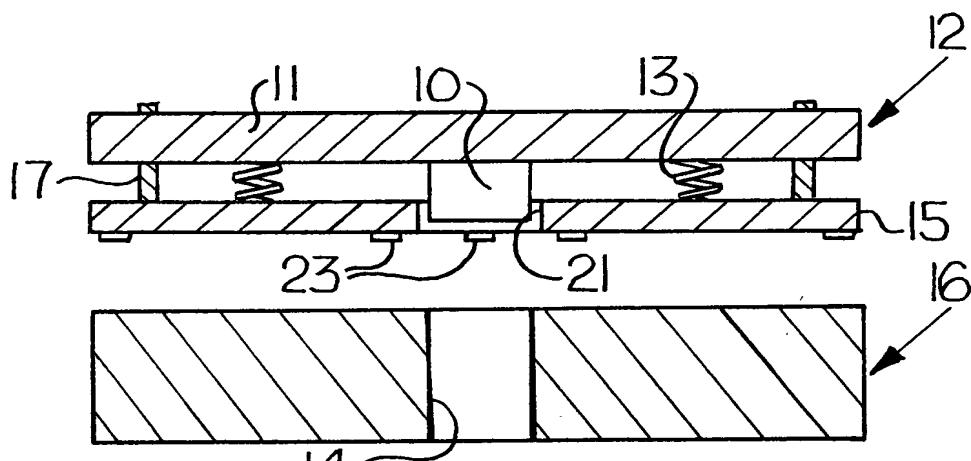


Fig. 3

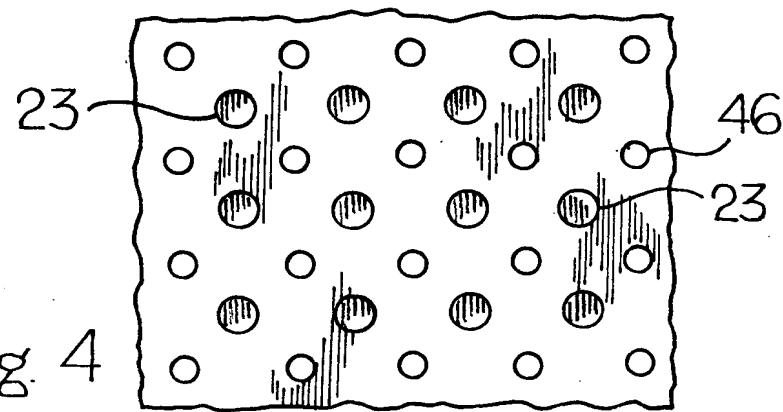
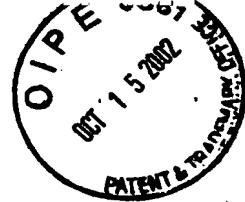


Fig. 4



3/13



Fig. 5a

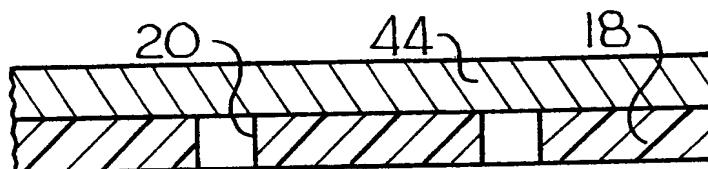


Fig. 5b

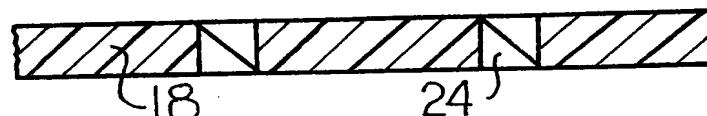


Fig. 5c

Fig. 6a

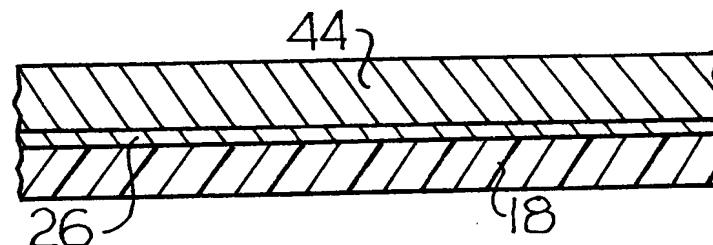


Fig. 6b

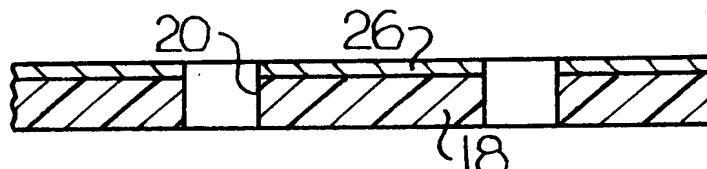
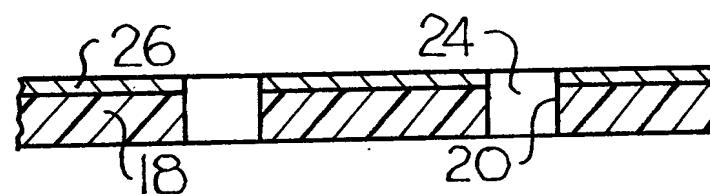


Fig. 7a

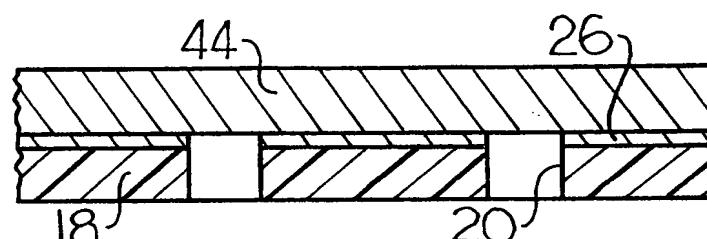


Fig. 7b

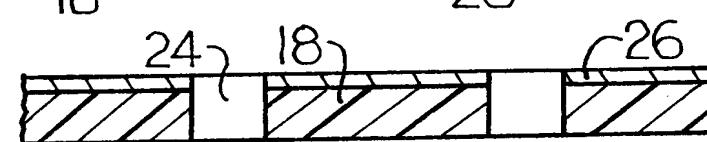


Fig. 7c



4/13

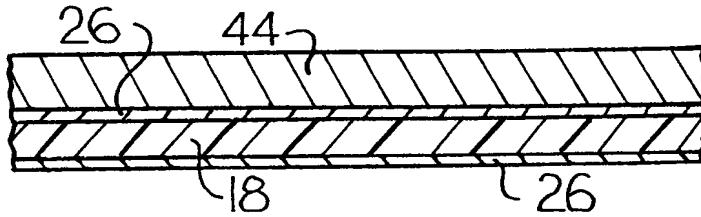


Fig. 8a

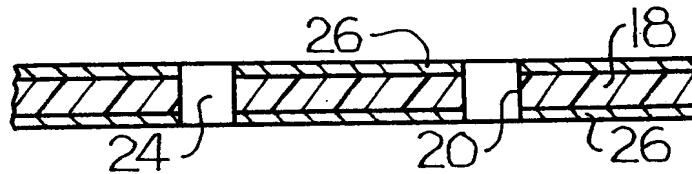


Fig. 8b

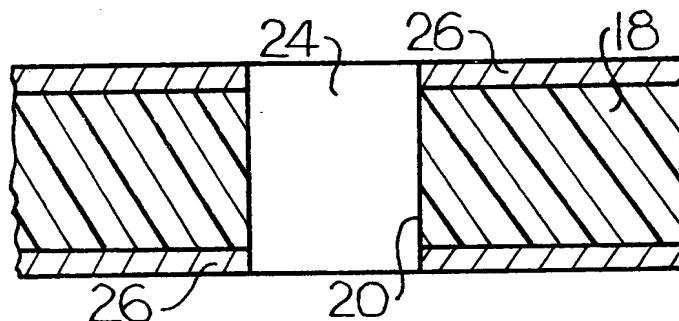


Fig. 8c

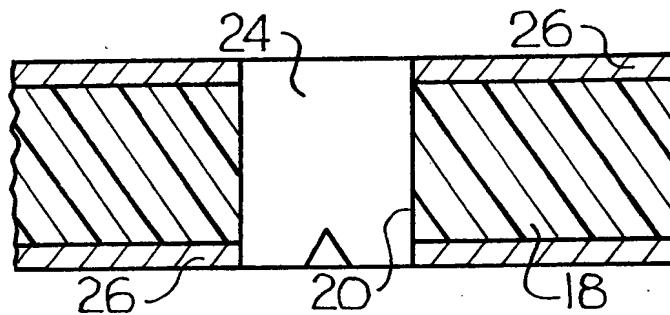


Fig. 8d

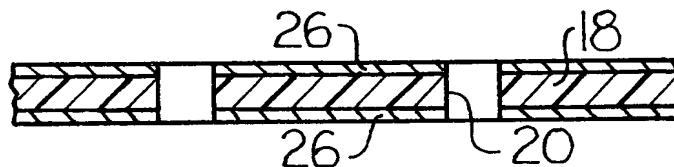


Fig. 9a

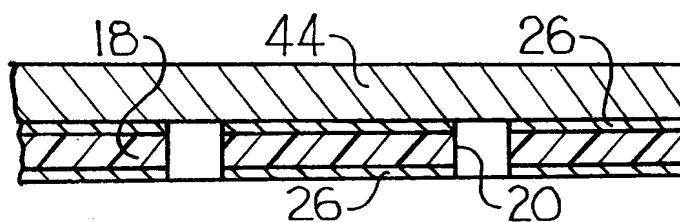


Fig. 9b





6/13

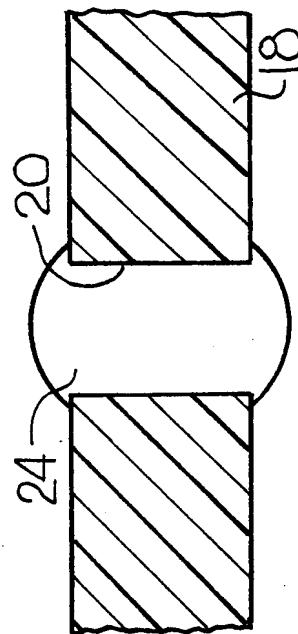


Fig. 13a

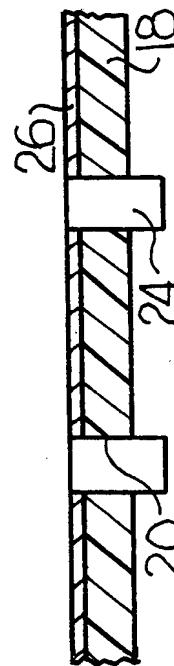
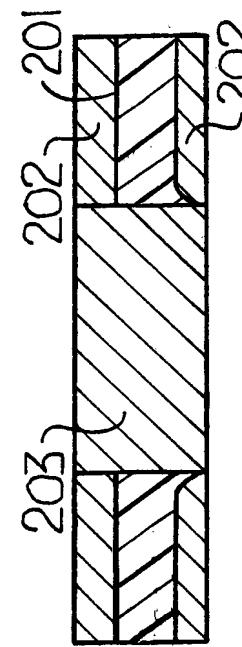


Fig. 13b

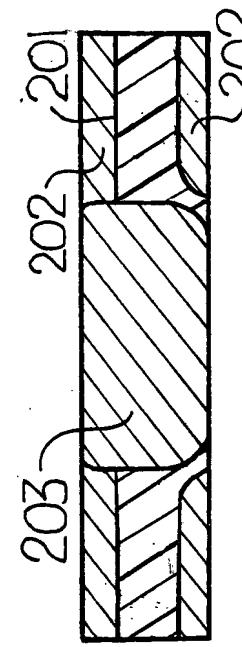


Fig. 14a

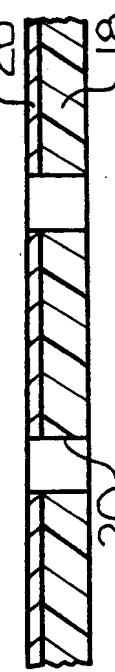


Fig. 14b

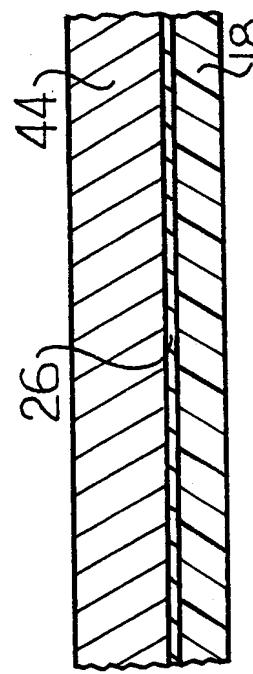


Fig. 15

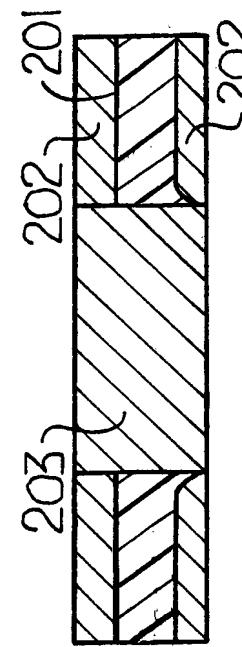


Fig. 16

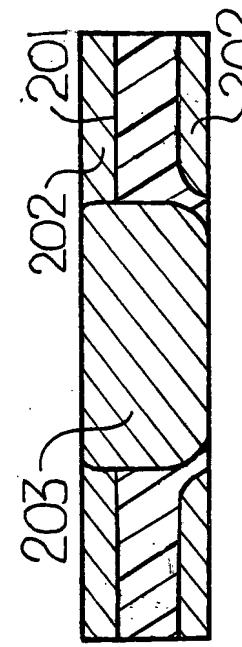


Fig. 17



Fig. 18



7/13

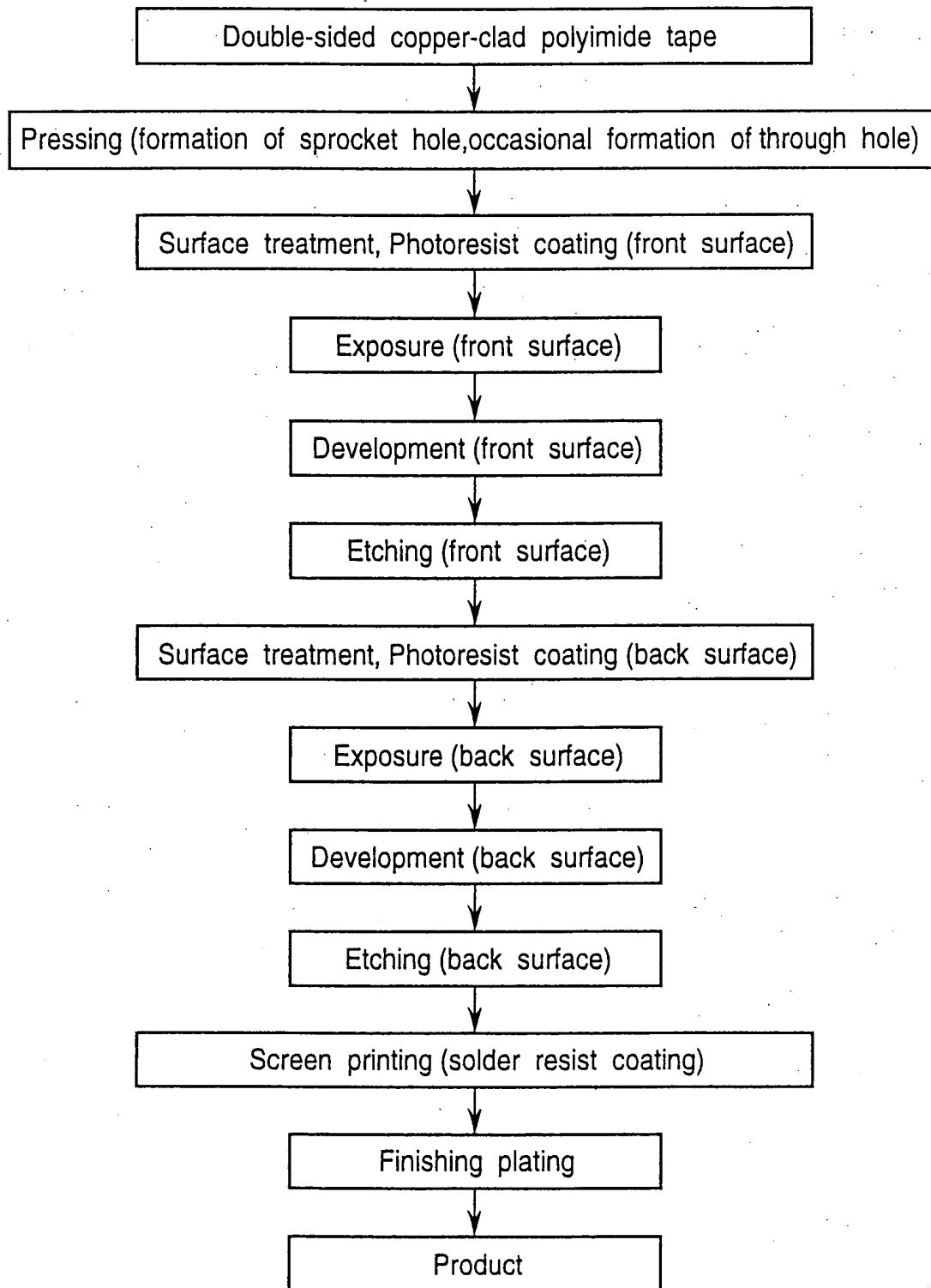


Fig. 16



8/13

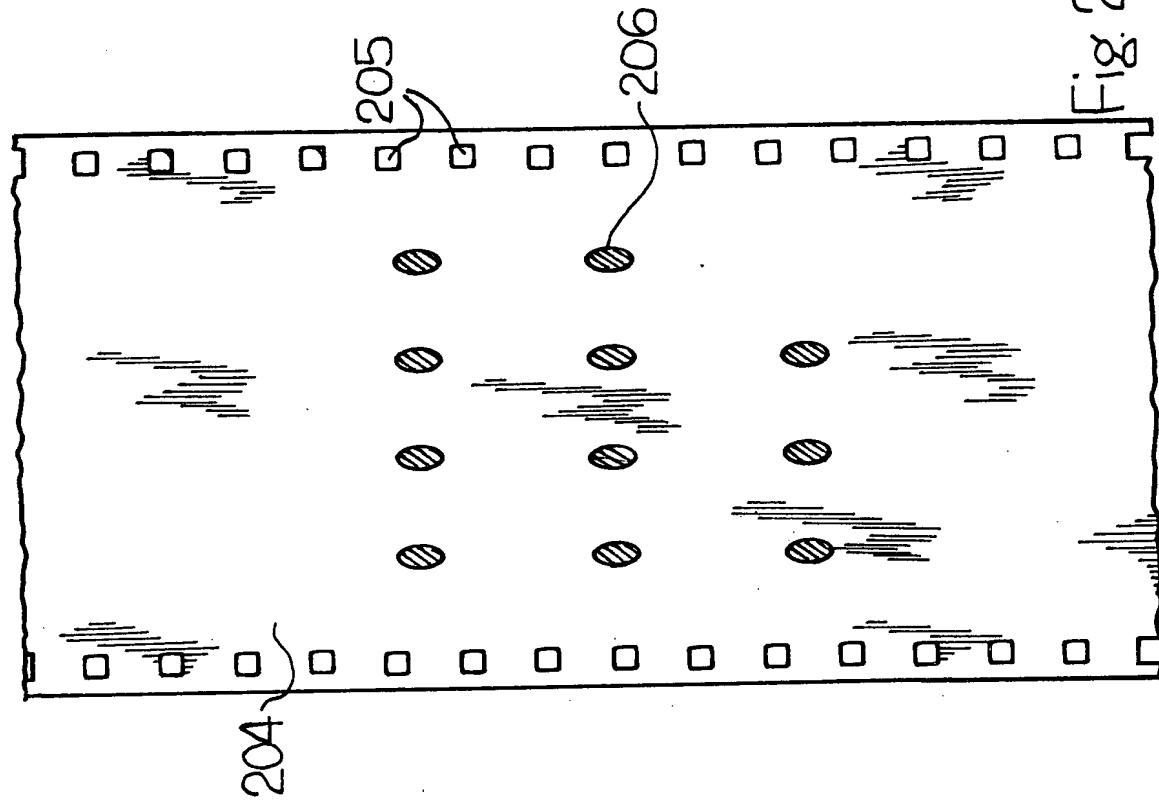


Fig. 21

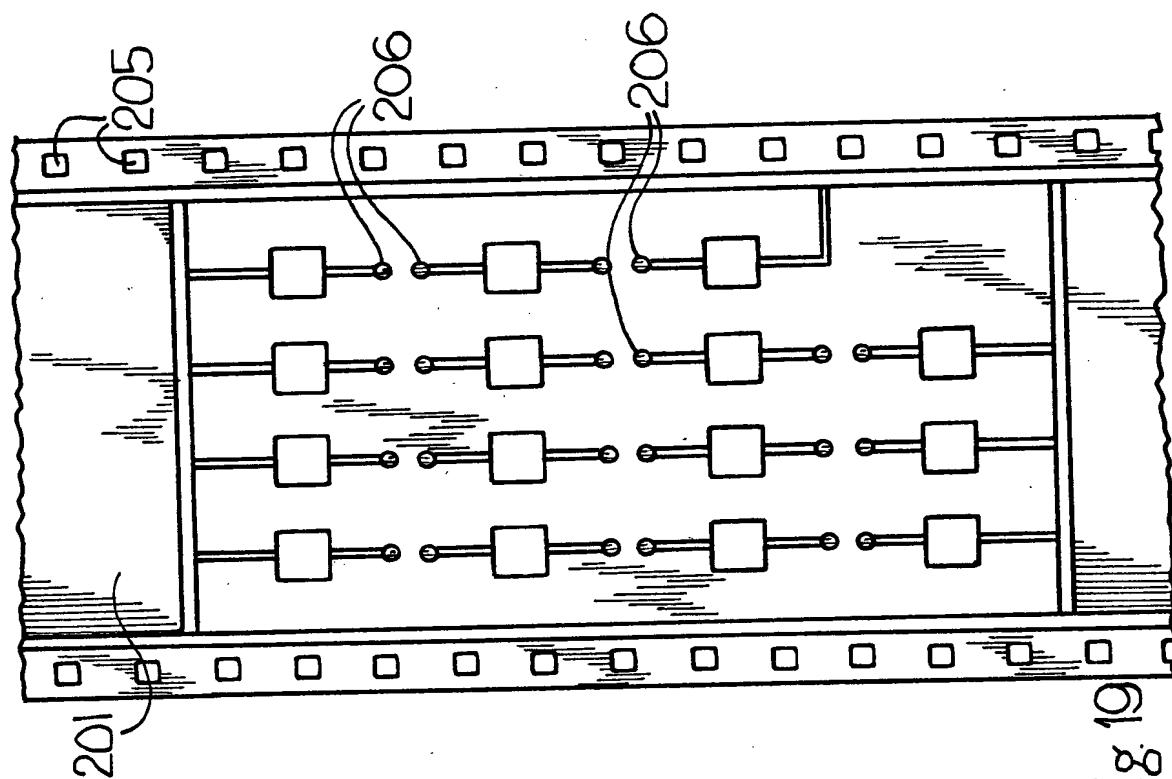


Fig. 10



9/13

Fig. 23a

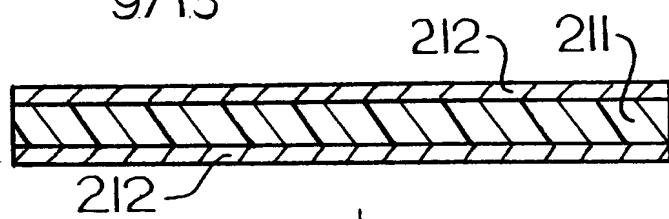


Fig. 23b

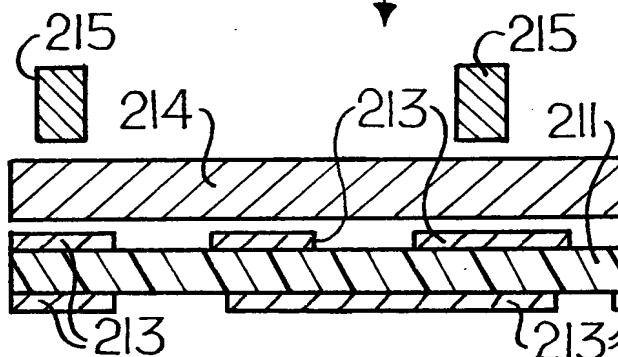
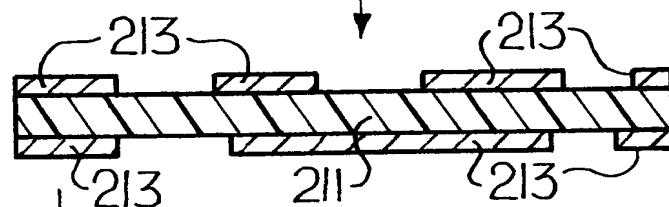


Fig. 23c

Fig. 23d

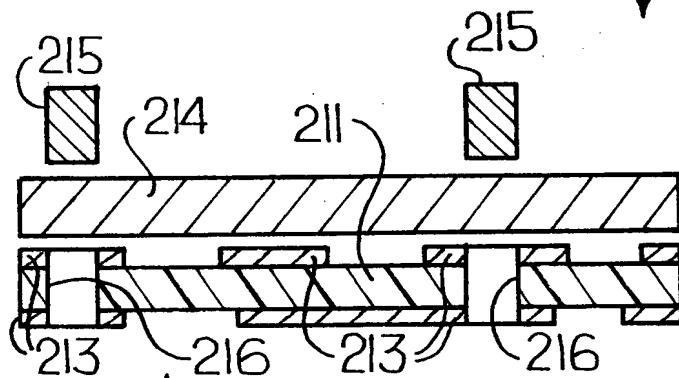
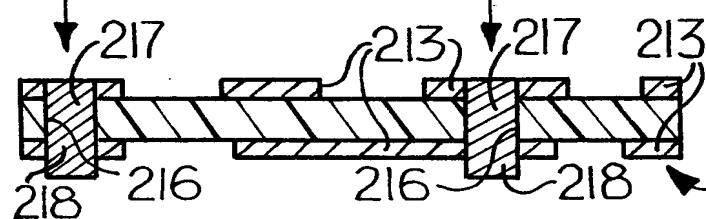


Fig. 23e







11/13

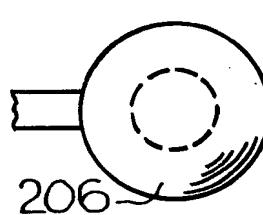


Fig. 20

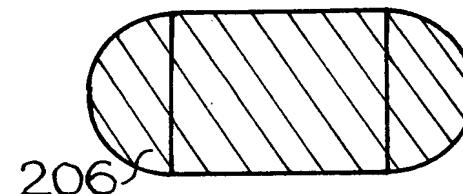
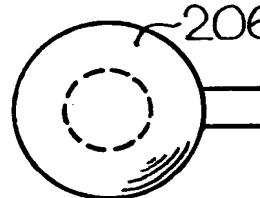


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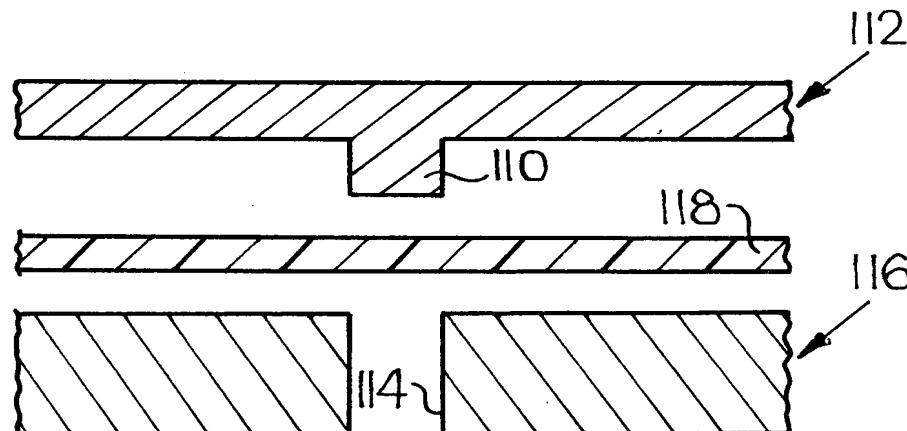


Fig. 25a (Prior Art)

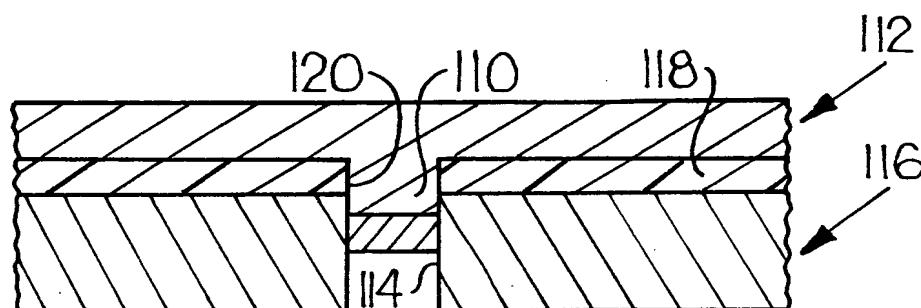


Fig. 25b (Prior Art)

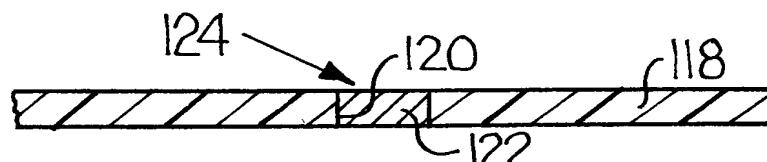


Fig. 25c (Prior Art)



12/13

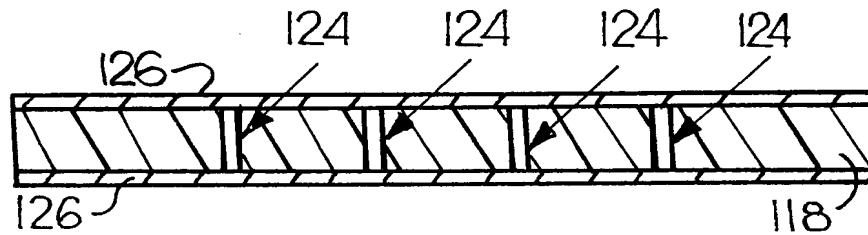


Fig. 26a (Prior Art)

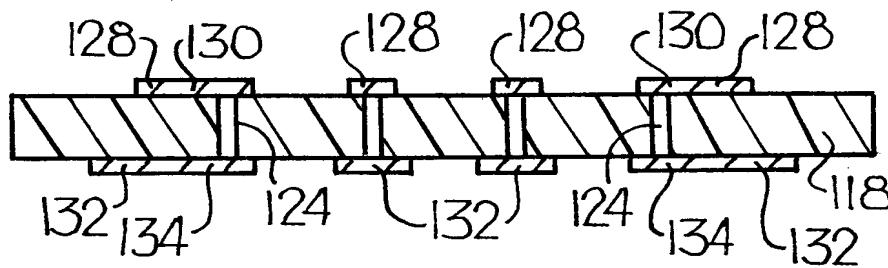


Fig. 26b (Prior Art)

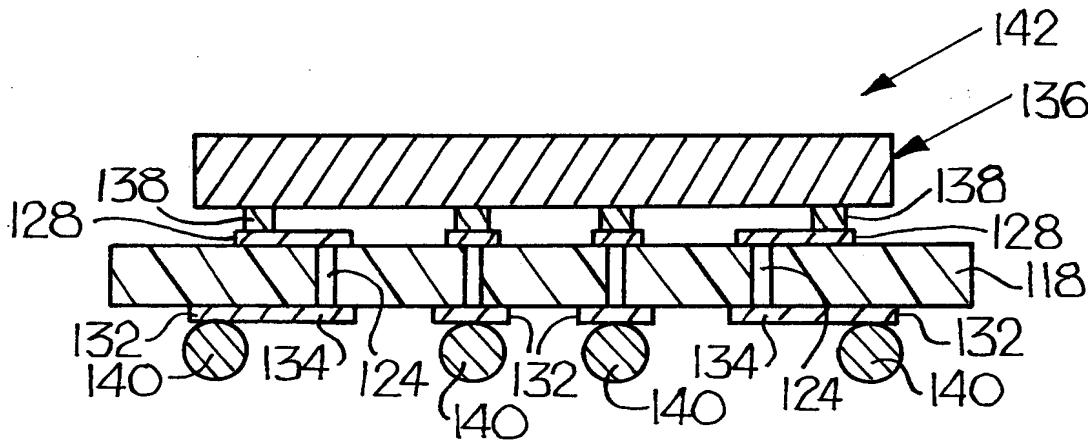


Fig. 26c (Prior Art)

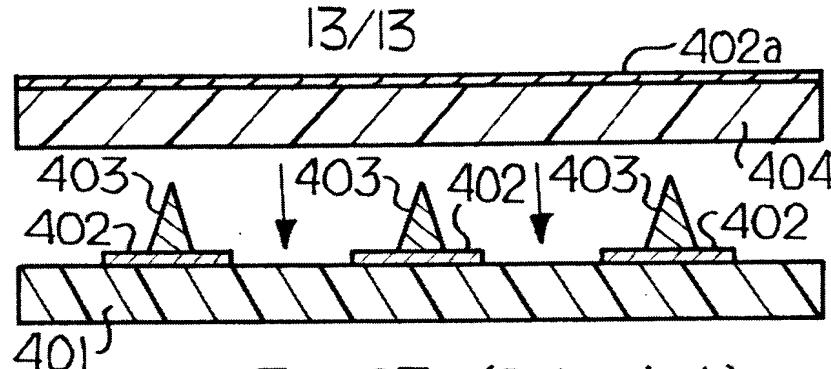
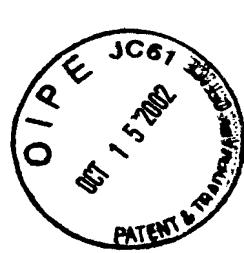


Fig. 27a (Prior Art)

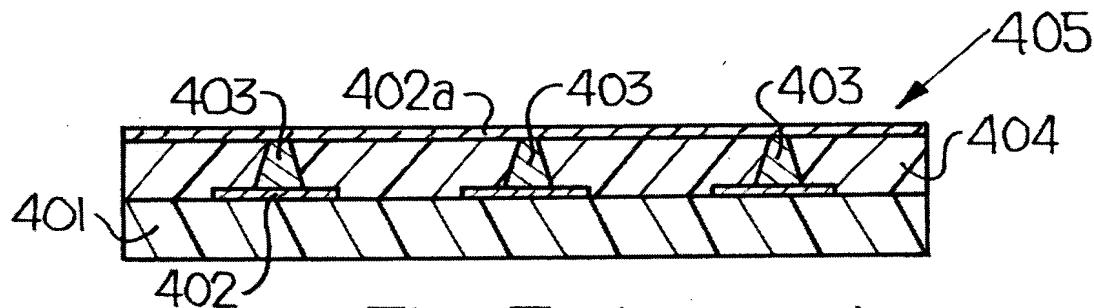


Fig. 27b (Prior Art)

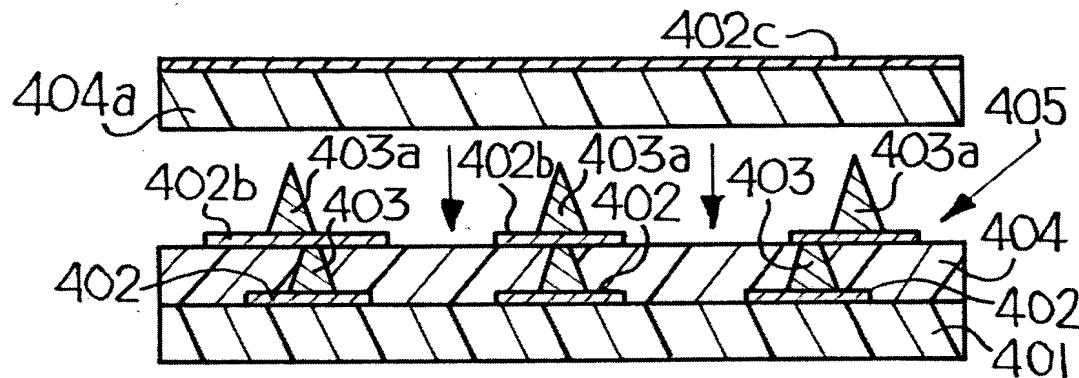


Fig. 27c (Prior Art)

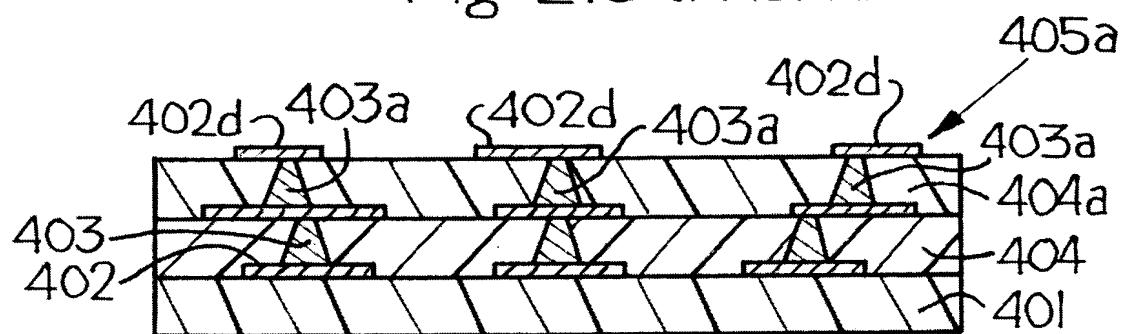


Fig. 27d (Prior Art)